PHASE II ENVIRONMENTAL SITE ASSESSMENT AND CLEANUP ALTERNATIVES EVALUATION REPORT FOR 1080 SHERIDAN BOULEVARD, DENVER, CO

Prepared for:

U.S. ENVIRONMENTAL PROTECTION AGENCY
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Denver, CO 80202

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TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF APPENDICES

LIST OF ACRONYMS

ACM	asbestos-containing material
AHERA	Asbestos Hazard Emergency Response Act
ASTM	American Society for Testing and Materials
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
COC	contaminant of concern
CREC	controlled recognized environmental conditions
EC	engineering control
EPA	United States Environmental Protection Agency
ESA	environmental site assessment
HA	homogeneous area
HEPA	high-efficiency particulate air
HUD	U.S. Department of Housing and Urban Development
IC	institutional control
ID	identification
LBP	lead-based paint
M.S.	Master of Science
mg/kg	milligrams per kilogram
N/A	Not Applicable
O&M	Operations and Maintenance
PAH	polycyclic aromatic hydrocarbons
PCB	polychlorinated biphenyl
P.E.	Professional Engineer
P.G.	Professional Geologist
PLM	polarized light microscopy
PPE	personal protective equipment
QA	Quality Assurance
QC	Quality Control
RACM	regulated asbestos-containing material
REC	recognized environmental condition
RCRA	Resource Conservation and Recovery Act

LIST OF ACRONYMS (CONTINUED)

SAP	Sampling and Analysis Plan
sq. ft.	square feet
START	Superfund Technical Assessment and Response Team
SOO	Statement of Objectives
TAL	targeted analyte list
TBA	Targeted Brownfields Assessment
TCLP	Toxicity Characteristic Leaching Procedure
TDD	Technical Direction Document
TSI	thermal system insulation
WESTON	Weston Solutions, Inc.
XRF	X-ray fluorescence

SUMMARY

The United States Environmental Protection Agency (EPA) tasked the Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START) to assist the EPA in conducting a Phase II Environmental Site Assessment (ESA) at 1080 Sheridan Boulevard in Denver, Denver County, Colorado (the Site).

SCOPE OF WORK

The Phase II ESA was conducted in accordance with Technical Direction Document (TDD) 0003/1503-01 and *ASTM International – Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process E1903-11.* The purpose of a Phase II ESA is to achieve the objectives set forth in the *Statement of Objectives* (SOO) developed by the user(s) and the Phase II Assessor. Goals for this Phase II ESA were to acquire and evaluate sufficient information to determine the extent, location, and concentration of potential environmental contamination at 1080 Sheridan Boulevard. The specific SOO for this Phase II ESA were as follows:

- To investigate and assess the presence of asbestos-containing materials (ACM) at the Site by conducting an ACM survey which included the collection of samples for laboratory analysis;
- To investigate and assess the presence or non-presence of lead-based paint (LBP) at the Site by conducting a survey which included the collection of limited X-ray fluorescence (XRF) screening data;
- To investigate and assess the presence or non-presence of polychlorinated biphenyls (PCBs) in fluorescent light fixtures at the Site via visual observations;
- To investigate and assess the presence or non-presence of mercury-containing equipment such as mercury switches, thermostats, or thermometers at the Site via visual observations; and
- To investigate and assess the presence or non-presence of mold at the Site via visual observations.

SUMMARY OF RESULTS

The results of the Phase II ESA are presented below. Floor plans that visually show the extent and location of the contaminants identified are presented in Figures 3 - 5. Field assessment results and laboratory results for the samples collected are presented in Tables 1 - 4.

ACM: Listed below is ACM identified, if applicable, along with the estimated total amounts in square feet (sq. ft.) or cubic yards (cu. yd.) of confirmed ACM.

Based on the laboratory results reported for the three confirmed ACM samples, asbestos is present on the Site.

Upper Unit:

Ceiling Drywall/Texture	=	1,000	sq. ft.
Window Glazing	=	1	sq. ft.
Roofing Material	=	1,150	sq. ft.
ACM Totals	**=**	**2,151**	**sq. ft.**

Lower Unit:

Ceiling Drywall/Texture	=	1,000	sq. ft.
Window Glazing	=	1	sq. ft.
ACM Totals	**=**	**1,001**	**sq. ft.**

Garage:

Window Glazing	=	1	sq. ft.
ACM Totals	**=**	**1**	**sq. ft.**

ACM Total for Site:	**=**	**3,153**	**sq. ft.**

Based on the results of the ACM survey, asbestos is present at Site. ACM is considered to be a contaminant of concern (COC) in relation to the Site.

LBP XRF Screening: LBP is considered to be a COC in relation to the Site.

House: Based on the XRF screening LBP was found present in paint on all the exterior walls of the house.

Garage: Based on the XRF screening LBP was found on all exterior walls of the garage.

PCBs: PCBs are considered to be a potential COC in relation to the Site.

House: Two ballasts in the basement of the home were not marked as "non-PCB" and are considered to be a potential COC in relation to the Site.

Garage: No PCB containing equipment was found.

Mercury: Mercury is not considered to be a COC in relation to the Site.

House: Based on the results of the mercury containing equipment inspection, one thermostat was found. However, it was inspected and no mercury was found.

Garage: No equipment was discovered and no evidence of mercury was observed.

Mold: Mold is not considered to be a COC in relation to the Site.

House: Based on the results of the mold inspection, evidence of mold was not observed.

Garage: Based on the results of the mold inspection, evidence of mold was not observed.

SUMMARY OF CONCLUSIONS

This Phase II ESA has confirmed the presence of COCs at 1080 Sheridan Boulevard. The following is a summary list of the COCs and associated media identified by START at the Site:

- ACM has been identified in the ceiling drywall texture/joint compound, house roofing material, and window glazing. ACM is considered to be a COC in relation to the Site.
- LBP has been identified on the House and Garage. LBP is considered to be a COC in relation to the Site.
- Potential PCB containing light ballasts were found in the House. PCBs are considered to be a potential COC in relation to the Site.
- Mercury containing equipment was not found and is not considered to be a COC in relation to the Site.
- Mold was not found and is not considered to be a COC in relation to the Site.

Based on the work performed and the future redevelopment of the Site, START recommends the following:

- The drywall used to finish the ceilings in the upper and lower units of the residence is considered ACM. However, it is contained behind surfacing materials and, unless disturbed, is considered non-friable. START recommends that prior to any renovations, work penetrating the ceilings, or demolition that a proper plan for mitigation and/or disposal of ACM should be conducted; and that any work conducted should be performed by a company certified to handle ACM materials. Additionally, the house roofing material should be removed and disposed of properly as ACM prior to renovation of the roof or demolition.

- LBP Recommendations:

    - It is recommended that any exterior renovation or remediation activities be conducted by EPA Lead-Safe Certified contractors in accordance with Lead Safe Renovation, Repair and Painting (RRP) practices. Remediation may include proper encapsulation or removal of painted services.

  - If the single family house or garage is to be demolished, a toxicity characteristic leaching procedure (TCLP) sample may be necessary prior to disposal of building materials at the selected landfill.

- Remove and properly dispose of potential PCB containing ballasts.

This summary is intended to be a general description of the scope of work, results, conclusions, and recommendations identified as a result of the Phase II ESA evaluation of the Site; however, this section is not intended to be a "stand alone" document or to include the basis of all conclusions presented. The report should be read and used in its entirety. Information included in this section is subject to the scope of services and limitations noted in the original TDD and in this complete report.

1.0 INTRODUCTION

1.1 SCOPE OF WORK AND PURPOSE

The Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START) conducted a Phase II Environmental Site Assessment (ESA) at 1080 Sheridan Boulevard in Denver, Denver County, Colorado (the Site). The ESA was conducted in accordance with Technical Direction Document (TDD) 0003/1503-01 and *ASTM International – Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process E1903-11*. The purpose of a Phase II ESA is to acquire and evaluate information sufficient to achieve the objectives set forth in the *Statement of Objectives* (SOO) developed by the user(s) and the Phase II Assessor. The scope of a Phase II ESA is related to the activities agreed upon to meet objectives of the investigation as defined in the SOO which are subject to ongoing evaluation and refinement as the assessment progresses. The SOO developed for this Site is presented in Section 1.2.

This Phase II ESA report contains the results of the data collection activities and associated quality assurance/quality control (QA/QC) measures conducted specific to the Site. Information used to conduct this Phase II ESA was based upon reasonably ascertainable, visually and physically observable conditions, and included testing or sampling of materials. The structure of this report is based on the ASTM E1903-11 standard.

1.2 STATEMENT OF OBJECTIVES

The objectives were developed by the Urban Land Conservancy (user), START (Phase II Assessor) and the United States Environmental Protection Agency (EPA) to obtain sound, scientifically valid data concerning actual property conditions at the Site with respect to the presence or the likely presence of target analytes/substances including, but not limited to, those within the scope of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The SOO for the Site were determined based on the results of the Phase I ESA conducted in March 2015. The Phase II ESA objectives determined for the Site were as follows:

- To investigate and assess the presence of asbestos-containing materials (ACM) at the Site by conducting an ACM survey which included the collection of samples for laboratory analysis;
- To investigate and assess the presence or non-presence of lead-based paint (LBP) at the Site by conducting a survey which included the collection of limited X-ray fluorescence (XRF) screening data;
- To investigate and assess the presence or non-presence of polychlorinated biphenyls (PCBs) in fluorescent light fixtures at the Site via visual observations;
- To investigate and assess the presence or non-presence of mercury-containing equipment such as mercury switches, thermostats, or thermometers at the Site via visual observations; and

- To investigate and assess the presence or non-presence of mold at the Site via visual observations.

1.3 SUMMARY OF BACKGROUND INFORMATION

1.3.1 Property Description, Location, and History

The Site (Figure 2) is an occupied, residential home with two living units (upper and lower) and a detached garage on 2.05 acres of land. The Site is located at 1080 Sheridan Boulevard in Denver, Denver County, Colorado (Latitude/Longitude: 39.73398479 /-105.05313749). Suspected contaminants include ACM, LBP, mold, mercury thermostats, and/or PCB light ballasts. The redevelopment plan is to steward the property by potentially leasing the residential units until development plans are finalized to create a transit oriented, mixed use property at which time the residence and garage will be demolished.

1.3.2 Previous Environmental Reports and Records

Background information for this investigation was provided by the TBA recipient on the TBA application. Additionally, START conducted a Phase I ESA in March 2015 (WESTON, 2015b). No additional environmental reports and/or records were available for START to review from other sources, including local agencies, for information relating to the Site.

2.0 DESCRIPTION OF WORK PERFORMED AND RATIONALE

This section summarizes the work performed and rationale for the work conducted to meet the SOO developed for the investigation as documented in the approved Sampling and Analysis Plan (SAP) for the Site (WESTON, 2015a). Deviations from the approved SAP for this Phase II ESA are presented in Section 2.2.

Based upon the SOO developed for the Site, potential hazardous building materials were investigated as part of this Phase II ESA. The investigation of these materials/media included visual inspection and/or sample collection for laboratory analysis. Details of the individual hazardous building material investigations along with rationale are presented below. Photographs of field activities and Site features are included in the Photograph Log in Appendix A.

2.1 HAZARDOUS BUILDING MATERIALS

2.1.1 Asbestos-Containing Material

Due to the age of the residence and garage, this Phase II ESA involved an ACM inspection and survey, including the collection of bulk asbestos samples, by Mr. Tom Cartier (Colorado (CO)-certified Inspector Certification No. 21085). Visual inspections were conducted on areas of the structures where an individual performing demolition or renovation operations may encounter regulated asbestos-containing material (RACM). Sample locations and the total number of samples were based on Asbestos Hazard Emergency Response Act (AHERA) standards (EPA, 1985) and/or the best professional judgment of the inspector. Each potential RACM location was touched to determine if it was friable. Bulk samples were collected of all suspect friable and non-friable RACM and submitted to an asbestos-certified laboratory (Reservoirs Environmental) for polarized light microscopy (PLM) analysis.

2.1.2 XRF Screening for Lead

Due to the age of the residence and garage, this Phase II ESA involved an LBP inspection and survey, including XRF screening, by Mr. Tom Cartier (Colorado (CO)-certified Inspector Certification No. 21398). The inspection included field screening utilizing X-Ray Fluorescence (XRF) to determine presence or absence of LBP. Visual inspections were conducted on select areas of the building (interior and exterior) based upon the best professional judgment of the risk assessor to determine presence or absence.

2.1.3 PCBs

Due to the age of the house, a visual inspection for potential PCB containing equipment such as fluorescent light ballasts was conducted at the Site. The scope of work for this Phase II ESA included visual inspection for, but no sample collection of, potential PCB containing materials.

2.1.4 Mercury

Due to the age of the house, a visual inspection for potential mercury containing equipment such as mercury switches, thermostats, or thermometers, was conducted at the Site. The scope of work for this Phase II ESA included visual inspection for, but no sample collection of, potential mercury containing materials.

2.1.5 Mold

Due to the age of the house, a visual inspection for potential mold was conducted at the Site. The scope of work for this Phase II ESA included visual inspection for, but no sample collection of, potential mold.

2.2 DEVIATIONS FROM THE SAMPLING AND ANALYSIS PLAN

Due to the ongoing evaluation and refinement of the SOO, changes can occur to the approved SAP based upon site conditions encountered. Deviations from the approved SAP for this Phase II ESA are presented below:

- The asbestos sampling nomenclature was changed to SB-XX-##-##, where XX was the material type, the first ## is the media type number, and the last ## is the site sample number.

None of the deviations from the SAP are thought to have a material and/or adverse impact on the findings and conclusions of this Phase II ESA.

3.0 DESCRIPTION OF METHODS USED

3.1 HAZARDOUS BUILDING MATERIALS

3.1.1 ACM

Asbestos Bulk Sampling

Personnel performing the sampling wore personal protective equipment (PPE) appropriate to the hazard(s) presented. Asbestos bulk samples were randomly collected using the grid system described in the EPA publication "Asbestos in Buildings – Simplified Sampling Scheme for Friable Surfacing Materials" (EPA, 1985). The following general sampling guidelines were followed during the inspection, as applicable:

- In areas where homogeneous suspected RACM (surfacing) was less than 1,000 sq. ft., three randomly collected bulk samples were collected from each area;
- In areas where homogeneous suspected RACM (surfacing) was at least 1,000 sq. ft. but less than 5,000 sq. ft., five randomly collected bulk samples were collected from each area;
- In areas where homogeneous suspect RACM (surfacing) was at least 5,000 sq. ft., seven randomly selected bulk samples were collected from each area;
- At least one bulk sample was collected from homogeneous areas of patched thermal system insulation (TSI) and was 6 linear (ln.) ft. or less;
- Bulk samples were collected in a randomly distributed manner from each type of suspect TSI based upon professional judgment; and
- For miscellaneous potential ACMs, at least three samples were collected for each type.

Quality Assurance (QA)/Quality Control (QC) Samples

One QA/QC sample was collected from a miscellaneous material to verify analytical results. Based upon the assessment techniques and sample collection methods used (collecting multiple samples of homogeneous materials per AHERA) no additional QA/QC samples were collected. Based on the results of the multiple ACM samples collected from homogeneous areas, all results reported are considered acceptable.

Laboratory Analytical Methods

ACM samples were delivered to Reservoirs Environmental in Denver, CO. Bulk samples were analyzed by PLM analysis by Method EPA 600/R-93/116 to determine asbestos content.

3.1.2 XRF Screening for Lead

XRF Screening

XRF in-situ readings were collected using an Innovex Alpha handheld XRF instrument to analyze painted and coated surfaces (interior and exterior) for lead during this Phase II ESA. In general, locations where the paint appeared to be thickest were selected for XRF analysis. Locations where

paint was worn away or scraped off were avoided. Areas over pipes, electrical surfaces, nails, and other possible interferences were also avoided. The XRF probe faceplate was allowed to lie flat against the surface of the test location to obtain a quality reading. All XRF readings were recorded in the XRF unit.

XRF readings of walls, windows, and other painted surfaces in each room equivalent were collected along with exterior readings. Room equivalents include painted or coated surfaces that are not considered to be separate rooms such as hallways and closets. A representative number of sample readings were collected from a subset of rooms considered by the assessor to be of like coated surfaces.

QA/QC Samples

The following QA/QC activities and sampling were conducted as part of this investigation:

- XRF Calibration Readings – XRF calibration standard readings were collected prior to use and at the end to verify accuracy.

No other QA/QC activities or sample types were required based upon the assessment techniques and sample collection methods. Based on the results of the calibration readings, all results reported are considered acceptable. Results of the readings collected are presented in Table 3.

Laboratory Analytical Methods

No LBP samples were collected for laboratory analysis.

3.1.3 PCBs

A thorough walkthrough and visual inspection were conducted throughout the Site to identify potential PCB containing equipment. Suspect equipment encountered, if any, was noted in field notes, photographed, and/or inspected further for markings, such as stickers, or other indications of the presence or non-presence of PCBs.

3.1.4 Mercury

A thorough walkthrough and visual inspection were conducted throughout the Site to identify potential mercury containing equipment. Suspect equipment encountered, if any, was noted in field notes, photographed, and/or inspected further for markings, such as stickers, or other indications of the presence or non-presence of mercury.

3.1.5 Mold

A thorough walkthrough and visual inspection were conducted throughout the Site to identify potential mold. Suspect areas, if any, were noted in field notes, photographed, and/or inspected further for other indications of the presence or non-presence of mold.

4.0 PRESENTATION OF INFORMATION AND DATA ACQUIRED

4.1 HAZARDOUS BUILDING MATERIALS

4.1.1 ACM

A total of 33 samples were collected from the house and garage that were submitted for PLM analysis. Of the samples collected, the following number of samples was collected from each location.

- Upper Unit – 8 samples
- Lower Unit – 21 samples and 1 QC duplicate
- Garage – 3 samples

In addition, the following items of note were observed during the ACM inspection and survey.

- The ceiling drywall system (e.g., drywall, tape, joint compound and texture) located in the house appeared to be a homogenous material in the upper and lower units and was treated as a single homogeneous area (HA), the walls were treated as two separate HA's, the drywall in the utility closet a forth HA, and the garage a fifth HA. No identifying features were observed which distinguished separate HAs due to renovations.

4.1.2 XRF Screening for Lead

A total of 65 XRF screening locations of in-situ painted surfaces were collected from the Site. Of the screened locations, the following number of readings was collected from each location.

- Upper Unit – 30 samples
- Lower Unit – 20 sample
- House Exterior – 8 samples
- Garage Exterior – 7 samples

In addition, the following items of note were observed during the XRF screening survey.

- Exterior of structures had positive and negative results. However, due to the material's homogenous appearance all exterior surfaces were considered positive for lead-based paint.

4.1.3 PCBs

Two ballasts with the potential to contain PCB were observed during the walk through and visual inspection of the Site.

4.1.4 Mercury

In all, no potential mercury containing thermostats were observed at the Site. Of the one thermostat observed, the location observed is presented below.

- Upper Unit – 1 thermostat

No items of note were observed during the mercury inspection.

4.1.5 Mold

No potential mold areas were observed at the Site and no items of note were observed during the mold inspection.

5.0 EVALUATION AND INTERPRETATION OF INFORMATION, DATA, AND RESULTS

The evaluation and interpretation of the information, data, and results for the Phase II ESA are presented below. This section summarizes the field screening data, laboratory results, and visual inspection observations to identify the location and extent of contamination. Figures 3 – 5 visually show the location and extent of contaminants identified and/or sample locations. Field assessment results and laboratory results for the samples collected are summarized in Table 1 through Table 4. Copies of the laboratory reports are presented in Appendix B.

5.1 HAZARDOUS BUILDING MATERIALS

5.1.1 ACM

Of the 33 samples submitted for laboratory analysis, a total of 3 samples were reported as >1% asbestos. All 3 samples in which asbestos was detected were from the house, one from the ceiling drywall, one from the roof material, and one from the window glazing.

A complete list of confirmed ACM samples, a material description, the asbestos containing layer(s) of each sample, and the estimated volume of each material type is presented in Table 2. Drawings that indicate ACM sample collection locations and approximate extent of ACM per location are presented in Figures 3 – 5. A list of samples collected that were reported as non-detect for asbestos is presented in Table 3.

Interpretation of Results

Based on the laboratory results reported for the 3 confirmed ACM samples, asbestos is present at the Site. Listed below are the estimated total amounts in square feet (sq. ft.) of confirmed ACM.

Upper Unit:

Ceiling Drywall/Texture	=	1,000	sq. ft.
Window Glazing	=	1	sq. ft.
Roofing Material	=	1,150	sq. ft.
ACM Totals	**=**	**2,151**	**sq. ft.**

Lower Unit:

Ceiling Drywall/Texture	=	1,000	sq. ft.
Window Glazing	=	1	sq. ft.
ACM Totals	**=**	**1,001**	**sq. ft.**

Garage:

Window Glazing	=	1	sq. ft.
ACM Totals	**=**	**1**	**sq. ft.**

ACM Total for Site: = 3,153 sq. ft.

Based on the results of the ACM survey, asbestos is present at Site. ACM is considered to be a contaminant of concern (COC) in relation to the Site.

5.1.2 XRF Screening for Lead

For the 65 in-situ XRF screening results of painted surface locations, 5 were "positive" for lead (screening concentrations above the HUD limit of 1 mg/cm^2). The following list indicates the locations where LBP was identified.

House: Based on the XRF screening LBP was found present in paint on the exterior walls of the house.

Garage: Based on the XRF screening LBP was found present in paint on the exterior walls of the garage

Results of the XRF screening data and associated instrument variance (± of the result) for each location is presented on Table 3.

Interpretation of Results

Based on the results of the XRF screening, LBP is considered to be a COC in relation to the Site.

5.1.3 PCBs

Upper Unit: No PCB containing equipment was found present.

Lower Unit: Two ballasts in the kitchen were not marked as "non-PCB."

Garage: No PCB containing equipment was found present.

Interpretation of Results

Due to the lack of "No PCBs" sticker observed on the two light ballasts, PCBs are considered a potential COC in relation to the Site.

5.1.4 Mercury

Upper Unit: Based on the results of the mercury containing equipment inspection, no evidence of mercury was observed in the thermostat switch.

Lower Unit: Based on the results of the mercury containing equipment inspection, evidence of mercury was not observed.

Garage: Based on the results of the mercury containing equipment inspection, evidence of mercury was not observed.

Interpretation of Results

Based on the results of the mercury containing equipment inspection, mercury is not considered to be a COC in relation to the Site.

5.2 CONCEPTUAL SITE MODEL

Per ASTM E1903-11 (section 6.4.6), validation of the conceptual site model is conducted by evaluating testing results and other investigation findings to determine whether available information is sufficient to support sound conclusions regarding the presence and significance of the target analytes. The presence of the target analytes investigated as part of this Phase II ESA along with the current exposure pathways, as applicable, at the Site are presented in the following table.

Based upon the results of the Phase II ESA investigation, the current exposure pathways for the COCs are presented below. Specific exposure targets have not been identified. The buildings future use is to be rented or sold.

Target Analyte	Media	Contaminants Present Above Screening Benchmarks	Exposure Pathway	Exposure Route	Human Receptors		Comments
					Residential	Workers	
ACM	Building Materials	Yes	Potentially Complete	Dermal	X	X	Due to the presence of COCs at the Site, remediation and proper disposal of contaminants should be completed prior to building reuse.
				Ingestion	X	X	
				Inhalation	X	X	
LBP	Building Materials	Yes	Potentially Complete	Dermal	X	X	
				Ingestion	X	X	
				Inhalation	X	X	
PCBs	Building Materials	Potential	Potentially Complete	Dermal	X	X	
				Ingestion	X	X	
				Inhalation	--	--	
Mercury	Building Materials	No	Incomplete	Dermal	--	--	
				Ingestion	--	--	
				Inhalation	--	--	
Mold	Building Materials	No	Incomplete	Dermal	--	--	
				Ingestion	--	--	
				Inhalation	--	--	

5.3 DISCLOSURE OF AVAILABLE DATA INSUFFICIENT TO MEET OBJECTIVES

Per ASTM E1903-11 (Section 1.3.2), all Phase II ESA reports must disclose any respect in which available data are insufficient to meet the objectives of the assessment. Listed below are the disclosures in which the available data set for this investigation were insufficient to meet the objectives of this Phase II ESA, if any.

- Based upon the objectives for this Phase II ESA, all objectives of this assessment were met based upon the available data. In no respect was the available data insufficient to meet the objectives.

6.0 CONCLUSIONS OF THE PHASE II ESA

START performed a Phase II ESA in conformance with the scope and limitations of ASTM Practice E1903-11 at 1080 Sheridan Boulevard Ave in Denver, Denver County, Colorado. This Phase II ESA has confirmed the presence of COCs at the Site. The following is a list of the COCs and associated media identified by START at the Site:

- ACM has been identified in the ceiling drywall texture/joint compound, house roofing material, and window glazing. ACM is considered to be a COC in relation to the Site.
- LBP has been identified on the House and Garage. LBP is considered to be a COC in relation to the Site.
- Potential PCB containing light ballasts were found in the House. PCBs are considered to be a potential COC in relation to the Site.
- Mercury containing equipment was not found and is not considered to be a COC in relation to the Site.
- Mold was not found and is not considered to be a COC in relation to the Site.

Based on the work performed and the future redevelopment of the Site, START recommends the following:

- The drywall used to finish the ceilings in the upper and lower units of the residence is considered ACM. However, it is contained behind surfacing materials and, unless disturbed, is considered non-friable. START recommends that prior to any renovations, work penetrating the ceilings, or demolition that a proper plan for mitigation and/or disposal of ACM should be conducted; and that any work conducted should be performed by a company certified to handle ACM materials. Additionally, the house roofing material should be removed and disposed of properly as ACM prior to renovation of the roof or demolition.

- LBP Recommendations:

    - It is recommended that any exterior renovation or remediation activities be conducted by EPA Lead-Safe Certified contractors in accordance with Lead Safe Renovation, Repair and Painting (RRP) practices. Remediation may include proper encapsulation or removal of painted services.

    - If the single family house or garage is to be demolished, a toxicity characteristic leaching procedure (TCLP) sample may be necessary prior to disposal of building materials at the selected landfill.

- Remove and properly dispose of potential PCB containing ballasts.

7.0 SIGNATURE OF PHASE II ASSESSOR AND SEAL

This Phase II ESA was completed by the following START personnel and subcontractor(s), if applicable. Qualifications are provided at the end of the report:

- Mr. Elliott Petri, P.E. and Environmental Professional;
- Mr. Mark Blanchard, P.G., Project Manager; and
- Mr. Thomas Cartier, ACM and LBP Inspector.

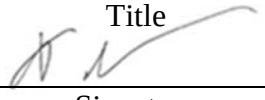
Mr. Elliott Petri has undertaken the role of Phase II Assessor for this assessment. The following is the certification statement as defined in ASTM Practice E1903-11 Section 9.2.1:

We have performed a Phase II environmental site assessment at 1080 Sheridan Boulevard in Denver, Denver County, Colorado in conformance with the scope and limitations of ASTM Practice E1903-11 and for the following objectives:

- *To investigate and assess the presence of asbestos-containing materials (ACM) at the Site by conducting an ACM survey which included the collection of samples for laboratory analysis;*
- *To investigate and assess the presence or non-presence of lead-based paint (LBP) at the Site by conducting a limited survey which included the collection of limited X-ray fluorescence (XRF) screening data;*
- *To investigate and assess the presence or non-presence of polychlorinated biphenyls (PCBs) in fluorescent light fixtures at the Site via visual observations; and*
- *To investigate and assess the presence or non-presence of mercury-containing equipment such as mercury switches, thermostats, or thermometers at the Site via visual observations.*
- *To investigate and assess the presence or non-presence of mold at the Site via visual observations.*

Elliott Petri, P.E.
Certifying Environmental Professional (Print)

Project Team Lead
Title



Signature

4/23/2015
Date

8.0 SPECIFICATIONS FOR ASTM E1903-11 REPORT USE AND RELIANCE

8.1 SPECIAL TERMS AND CONDITIONS

This document has been prepared by the WESTON START IV team as tasked by the EPA solely for the use and benefit of the EPA, Urban Land Conservancy (ULC), 11th Avenue TOD, LLC, Rocky Mountain Mutual Housing Association, Inc (RMMHA), and The Morrison Group. Any use of this document or information herein by persons or entities other than the EPA, ULC, 11th Avenue TOD, LLC, RMMHA, or The Morrison Group without the express written consent of START, will be at the sole risk and liability of said person or entity. START will not be liable to the EPA, ULC, 11th Avenue TOD, LLC, RMMHA, The Morrison Group, or such persons or entities, for any damages resulting therefrom. It is understood that this document may not include all information pertaining to the described site.

8.2 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

ASTM E1903-11 (Section 4.2.1) acknowledges that "No Phase II ESA can eliminate all uncertainty. Furthermore, any sample, either surface or subsurface, taken for chemical testing may or may not be representative of a larger population. Professional judgment and interpretation are inherent in the process, and even when exercised in accordance with objective scientific principles, uncertainty is inevitable. Additional assessment beyond that which was reasonably undertaken may reduce the uncertainty". ASTM E1903-11 (Section 4.2.1.2) acknowledges that "The effectiveness of a Phase II ESA may be compromised by limitations or defects in the information used to define the objectives and scope of the investigation, including inability to obtain information concerning historic site uses or prior site assessment activities despite the efforts of the user and Phase II Assessor to obtain such information in accordance with 5.1.3". Furthermore, the ASTM E1903-11 (Section 4.2.2) states "Phase II ESAs do not generally require an exhaustive assessment of environmental conditions on a property. There is a point at which the cost of information obtained and the time required to obtain it outweigh the benefit of the information and, in the context of private transactions and contractual responsibilities, may become a material detriment to the orderly conduct of business. If the presence of target analytes is confirmed on a property, the extent of further assessment is a function of the degree of confidence required and the degree of uncertainty acceptable in relation to the objectives of the assessment".

8.3 DISCLAIMERS

START has performed this Phase II ESA in general conformance with the scope and limitations of ASTM E1903-11 standards and TDD 0003/1503-01. The Phase II ESA findings and conclusions presented herein are professional opinions based solely on data collected during the assessment and/or interpretation of information and past data provided for review. The information and data collected from the Site by START is based on the conditions existing on the date(s) of

START's assessment activities at the property. START does not warrant or guarantee information obtained from third parties used for this assessment are correct, complete, and/or current.

Though START did collect samples and/or perform testing during this assessment, it is possible that past contamination remains undiscovered or that property conditions will change in the future. START does not warrant or guarantee the property suitable for any particular purpose or certify the property as "clean."

ASTM E1903-11 (Section 1.5) states "This practice is not intended to supersede applicable requirements imposed by regulatory authorities. This practice does not attempt to define a legal standard of care either for the performance of professional services with respect to matters within its scope, or for the performance of any individual *Phase II Environmental Site Assessment"*.

Information, limitations, and disclaimers provided in this general section apply to all of the sections included in this report.

9.0 REFERENCES

American Society for Testing and Materials (ASTM), 2011. E1903-11, *Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process.* West Conshohocken, Pennsylvania.

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
ASTM, 2011	Guidance	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

U.S. Environmental Protection Agency (EPA), 1985. EPA's "Pink Book", *Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials.* (EPA 560/5-85-030a).

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
EPA, 1985	Document	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

EPA, 1988. *Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA.* (EPA/540/G-89/004).

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
EPA, 1988	Document	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

WESTON, 2014a. *Sampling and Analysis Plan for 1080 Sheridan Boulevard, Denver, CO, 80222* March 2015.

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
WESTON, 2015a	Document	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

WESTON, 2014b. *Phase I Environmental Site Assessment for 1080 Sheridan Boulevard, Denver, CO, 80214* March 2015.

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
WESTON, 2015b	Document	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

U.S. Department of Housing and Urban Development (HUD), 2012. *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing.*

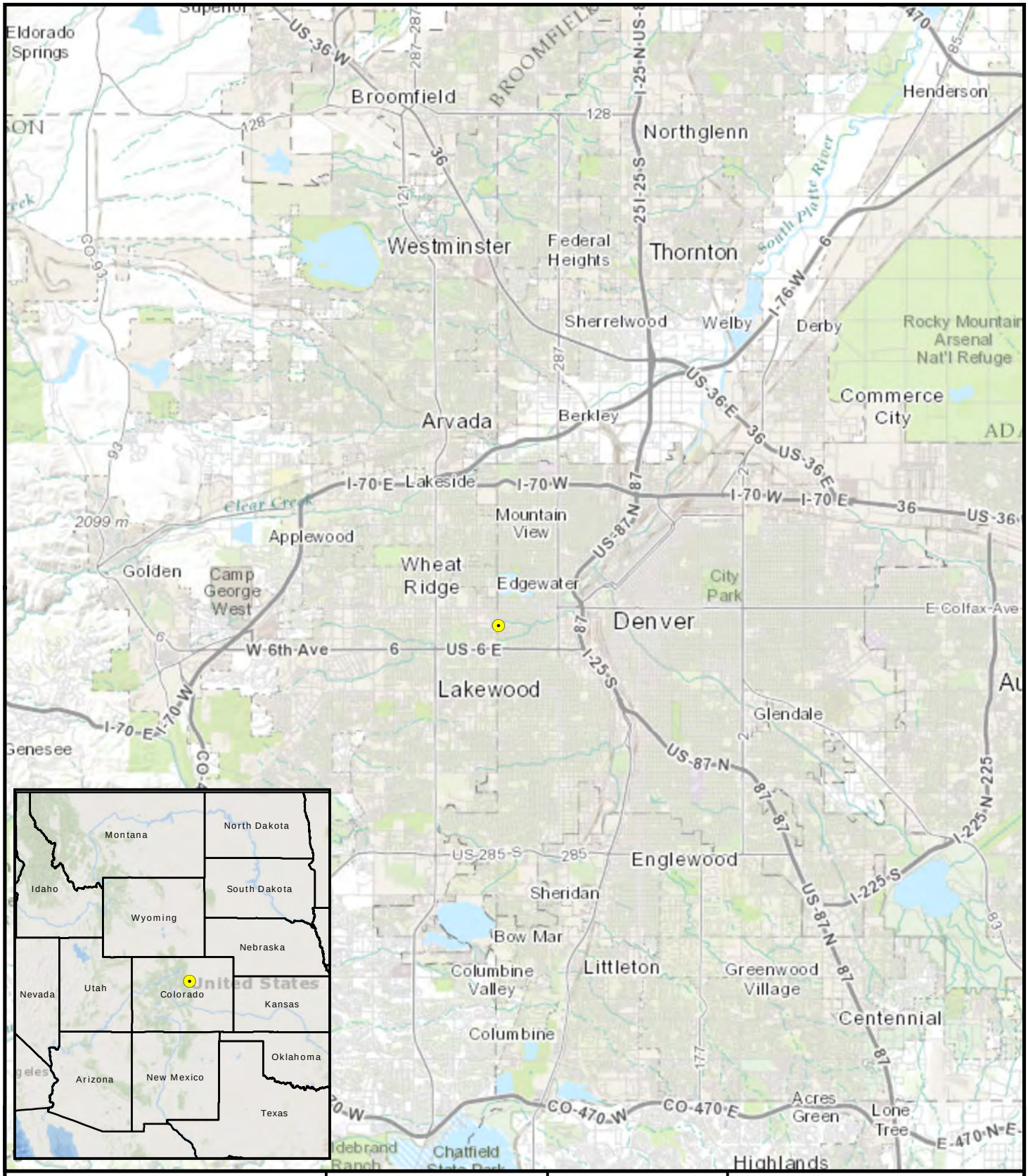
Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
HUD, 2012	Guidance	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

10.0 QUALIFICATIONS

START utilized qualified, professional staff, trained in performing the scope of work required for this Phase II ESA. The START team personnel included a project manager and technical specialist(s). Their roles are described in more detail as follows:

- Project Team Lead – Mr. Elliott Petri, P.E. has a M.S. in Environmental Science and Engineering with 3+ years of experience in the field of environmental sciences including Phase I/II ESAs, site investigations, assessments and remediation; Mr. Petri has managed/done quality control on projects from $20,000 to 4 million dollars for the United States Air Force and the EPA.
- Project Manager –Mr. Mark Blanchard, P.G. is an environmental professional with 20+ years of experience as a geologist conducting and managing complex projects including site assessments, feasibility studies, and remedial design activities at Resource Conservation and Recovery Act (RCRA)/CERCLA sites. He is experienced in conducting and managing projects involving condition assessment, conducting research, and writing and reviewing technical documents including Phase I and Phase II ESAs.
- Assistant Project Scientist – Mr. Tom Cartier has 1 year of project experience collecting soil, groundwater, surface water, and air samples, and conducting air monitoring. Mr. Cartier has conducted asbestos building inspections on a wide variety of projects ranging from small structures to large scale industrial facilities, and lead-based paint inspections for the EPA. His experience includes conducting site assessments, removals, technical report documentation, and field instrument proficiency. Certifications include 40-Hour OSHA Hazardous Waste Site Worker Training; 8-Hour OSHA Refresher Training; Certified Asbestos Building Inspector; Lead Inspector; First Aid and CPR.

FIGURES



Legend

- Site Location

0 1.25 2.5 5 Miles

N

Prepared for:
U.S. EPA Region 8

Contract No.:
EP-S8-13-01

TDD:
1503-01

TO:
0003

Prepared By:
Weston Solutions, Inc.
START IV

Suite 100
1435 Garrison Street
Lakewood, CO 80215

FIGURE 1
SITE LOCATION MAP
1080 SHERIDAN BOULEVARD
CITY OF DENVER
DENVER COUNTY, COLORADO

Date: 3/11/2015

Legend

Parcel Boundary

0 155 310 620 Feet

N

Prepared for:
U.S. EPA Region 8

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TDD:
1503-01

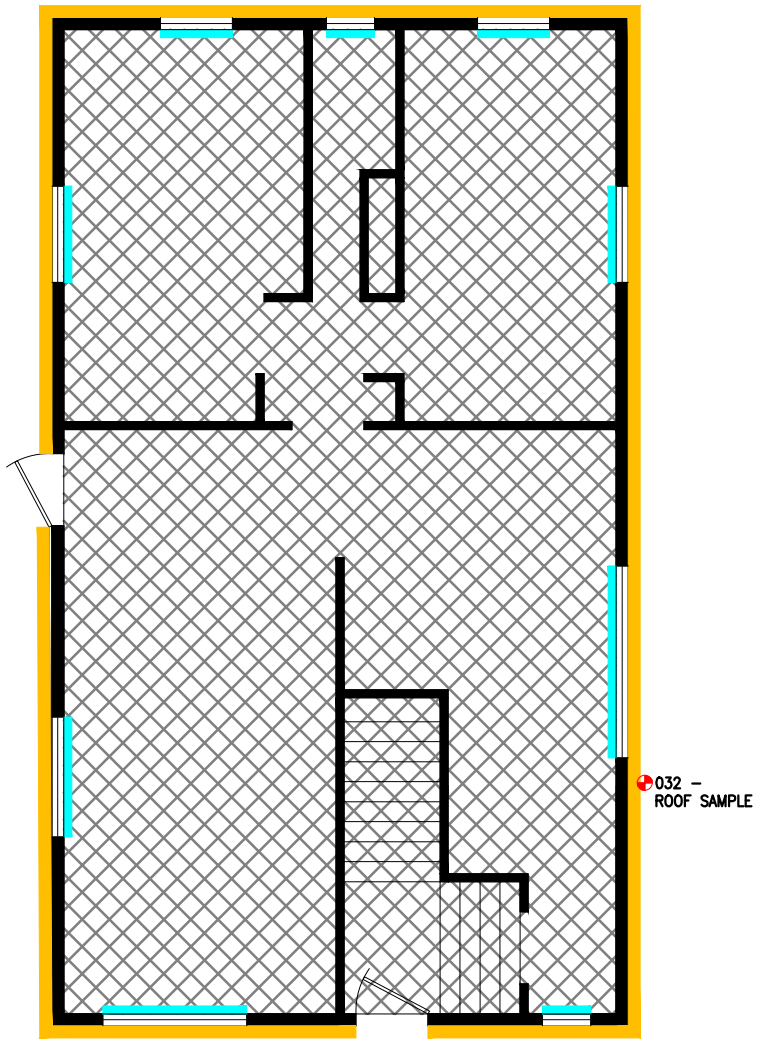
TO:
0003

Prepared By:
Weston Solutions, Inc.
START IV

Suite 100
1435 Garrison Street
Lakewood, CO 80215

FIGURE 2
SITE VICINITY MAP
1080 SHERIDAN BOULEVARD
CITY OF DENVER
DENVER COUNTY, COLORADO

Date: 3/11/2015



LEGEND:

ACM	ASBESTOS CONTAINING MATERIAL
	ACM SAMPLE LOCATION (APPROXIMATE)
	ACM CEILING DRYWALL AND ROOFING
	ACM WINDOW GLAZING
LBP	LEAD BASED PAINT
	LEAD BASED PAINT

NOTE:

1. ALL WINDOW GLAZING IS CONSIDERED ACM, SEE FIGURE 4 (SAMPLE 031) FOR LOCATION OF GLAZING SAMPLE COLLECTED.

N

Contract No.:
EP-S8-13-01
TDD: 1503-01
TO: 0003

Prepared By:
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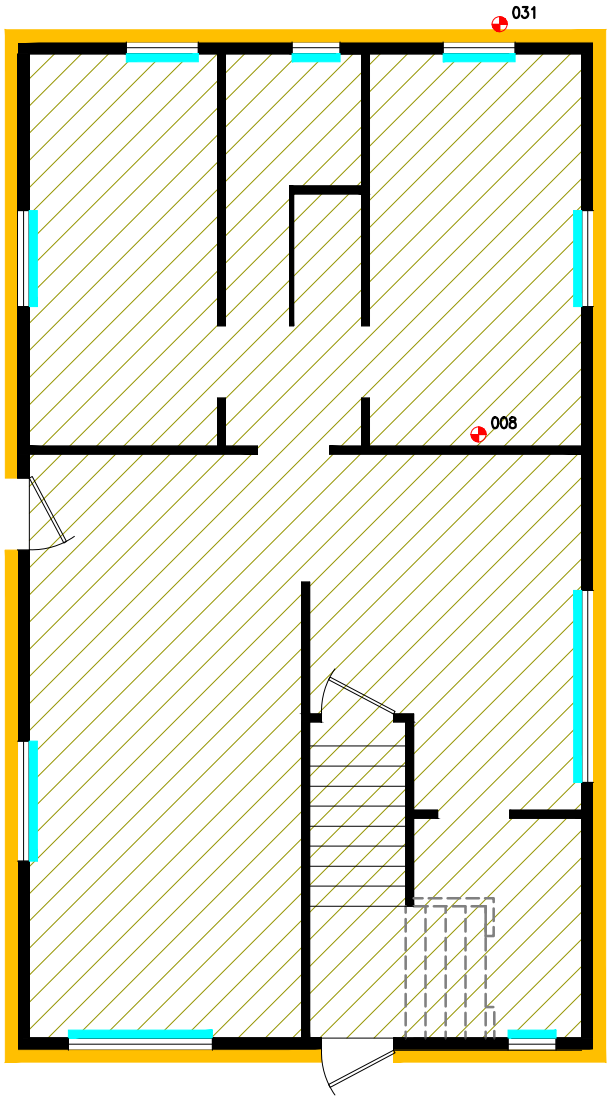
Lakewood, CO 80215

ASBESTOS AND LBP FLOORPLAN
UPPER UNIT
1080 SHERIDAN BOULEVARD

DATE:
04/22/15

SCALE:
N.T.S.

Figure
3



LEGEND:

ACM	ASBESTOS CONTAINING MATERIAL
	ACM SAMPLE LOCATION (APPROXIMATE)
	ACM CEILING DRYWALL
	ACM WINDOW GLAZING
LBP	LEAD BASED PAINT
	LEAD BASED PAINT

NOTE:

1. ALL WINDOW GLAZING IS CONSIDERED ACM.

N

Contract No.:
EP-S8-13-01
TDD: 1503-01
TO: 0003

Prepared By:
Weston Solutions, Inc.
START IV
Suite 100
1435 Garrison Street
Lakewood, CO 80215

ASBESTOS AND LBP FLOORPLAN
LOWER UNIT
1080 SHERIDAN BOULEVARD

DATE:
04/22/15

SCALE:
N.T.S.

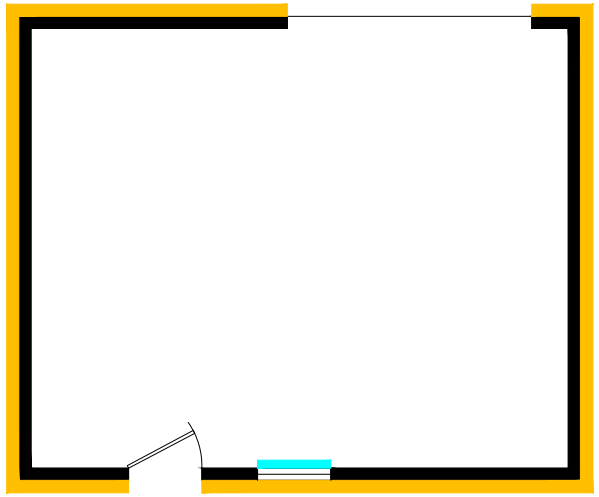
Figure
4

LEGEND:

ACM	ASBESTOS CONTAINING MATERIAL
	ACM WINDOW GLAZING
LBP	LEAD BASED PAINT
	LEAD BASED PAINT

NOTES:

1. ALL WINDOW GLAZING IS CONSIDERED ACM, SEE FIGURE 4 (SAMPLE 031) FOR LOCATION OF GLAZING SAMPLE COLLECTED.
2. NO ACM DRYWALL, INSULATION, OR ADDITIONAL MISCELLANEOUS MATERIALS WERE IDENTIFIED DURING THE GARAGE ASBESTOS SURVEY.



N

Contract No.:
EP-S8-13-01
TDD: 1503-01
TO: 0003

Prepared By:
Weston Solutions, Inc.
START IV
Suite 100
1435 Garrison Street
Lakewood, CO 80215

ASBESTOS AND LBP FLOORPLAN
GARAGE
1080 SHERIDAN BOULEVARD

DATE:
04/22/15

SCALE:
N.T.S.

Figure
5

TABLES

TABLE 1 - QUALITY ASSURANCE AND QUALITY CONTROL SAMPLES

XRF - Standardizing

Reading Number	Date	Time	Type	Pass/Fail	Standard(s)
2	27-Mar-15	12:00:58	Industrial Paint	Pass	SRM 2570
3	27-Mar-15	12:01:38	Industrial Paint	Pass	SRM 2571
4	27-Mar-15	12:02:26	Industrial Paint	Pass	SRM 2572
5	27-Mar-15	12:03:06	Industrial Paint	Pass	SRM 2573
6	27-Mar-15	12:04:19	Industrial Paint	Pass	SRM 2574
7	27-Mar-15	12:04:53	Industrial Paint	Pass	SRM 2575
73	27-Mar-15	13:01:05	Industrial Paint	Pass	SRM 2570
74	27-Mar-15	13:01:44	Industrial Paint	Pass	SRM 2571
75	27-Mar-15	13:02:29	Industrial Paint	Pass	SRM 2572
76	27-Mar-15	13:03:09	Industrial Paint	Pass	SRM 2573
77	27-Mar-15	13:04:50	Industrial Paint	Pass	SRM 2574
78	27-Mar-15	13:05:28	Industrial Paint	Pass	SRM 2575

Asbestos Survey - Duplicate Sample

Original Sample ID	Physical Description	Asbestos Content (%)	Duplicate Sample ID	Physical Description	Asbestos Content (%)
SB-FC-01-001	Gray Floor Coating	ND	SB-FC-01-033	Gray Floor Coating	ND

Notes:

TR - trace (<1%)

TABLE 2 - ACM SAMPLE RESULTS AND ESTIMATED VOLUMES

Sample ID	Material Description	ACM Layer(s)/ MaterialDetails	Asbestos Content (%)	Point Count Result	Estimated Volume
1080 Sheridan Boulevard					
SB-CM-01-008	Ceiling Drywall and White Texture	A - White Texture	4	--	2,000 sq. ft.
		D - Off white joint compound w/ green paint	4	--	
SB-WG-01-031	Window Glazing	A - Off white glazing	2	1.25	3 sq. ft.
		B - Silver grey glazing	4	--	
SB-RC-02-032	Roofing Covering	A - Black fibrous tar	15	--	1,000 sq. ft.
		B - Black fibrous tar	TR	0.25	

Notes:

-- Not Point Counted

TABLE 3 - NON-ACM SAMPLES COLLECTED

Sample ID	Physical Description	Sample Layer(s)
1080 Sheridan Boulevard		
SB-FC-01-001	Gray Floor Coating	White plaster; Gray granular material w/ gray paint
SB-FP-01-002	Black Floor Paper	Black Felt
SB-FM-01-003	Gray Flooring Mastic	Gray resinous material; Tan Resinous Material
SB-FM-01-004	Gray Flooring Mastic	Tan resinous material w/ grey paint
SB-FM-01-005	Gray Flooring Mastic	Tan resinous material w/ grey paint
SB-CM-01-006	Ceiling Mastic / Drywall	White texture w/ gray paint; White/tan drywall
SB-CM-01-007	Ceiling Mastic / Drywall	White joint compound; White tape; White foamy texture w/white paint; Pink/tan drywall w/ white paint
SB-DW-01-009	Wall Drywall	Pink/tan drywall; White Texture w/ gray paint
SB-WT-01-010	Wall Texture	White texture w/ white paint
SB-DW-01-011	Wall Drywall	White texture w/ white paint; White tape; Pink drywall; White joint compound
SB-DW-01-012	Wall Drywall	White tape; White compound w/ white paint; White joint compound; White/tan drywall w/ white paint
SB-WB-01-013	Wall Board	White paint w/ white texture; Tan/Pink Drywall; Brown wall board w/ green/multi-colored paint
SB-VT-01-014	Vinyl Tile in Window	Grey/tan tile w/ clear adhesive
SB-VT-01-015	Vinyl Tile on Shelves	Light blue/pink/black tile w/ clear adhesive
SB-BS-01-016	Kitchen Blacksplash	Brown fiberous material w/ white paint
SB-BT-01-017	Bathroom Tub Tile	White mastic; White resinous material; White ceramic tile
SB-DW-02-018	Utility Room Drywall	White texture; Pink/tan drywall
SB-IL-01-019	Utility Room Insulation	Yellow insulation; Off white compound
SB-CB-01-020	Cove Base Pantry	Tan mastic; Black cove base
SB-CB-02-021	Cove Base Kitchen	Tan mastic; Black cove base
SB-CP-01-022	Garage Wall Carpet Pad	Yellow/multi-colored resinous foam
SB-DW-03-023	Garage Drywall	White/tan drywall
SB-RC-01-024	Garage Roof Compound	Black fibrous tar; Black/gray shingle
SB-ST-01-025	Stair Tread	Cream mastic; Black resinous material
SB-VFT-01-026	Stairway Vinyl Floor Tile	Yellow mastic w/ debris; Brown vinyl tile
SB-FT-01-027	Floot Tile/Subfloor	Gray granular; Light gray fibrous plasterboard; Light tan ceramic tile
SB-DW-04-028	Upper Unit Wall Drywall	White/multi-colored paint w/ white fiberous material & light yellow resinous material; White plaster w/ yellow/white paint; Light pink perlitic granular plaster
SB-DW-04-029	Upper Unit Wall Drywall	White compound w/ white/multi-layered paint; White plaster w/ white/multi-layered paint; Light pink perlitic granular plaster
SB-DW-04-030	Upper Unit Wall Drywall	White fibrous woven tape; White Paint w/ white compound; White compound w/ off white/multi-layered paint; Pink drywall; White plaster w/ white/blue paint; Light pink perlitic plaster
SB-FC-01-033	Gray Floor Coating	White plaster w/ light tan resinous material; White granular plaster w/ gray paint; Gray granular plaster w/ white paper

TABLE 4 - SITE XRF SCREENING RESULTS

Reading No.	Date and Time		Site Location	Room and Component	Substrate	Color	PbC	(+/-) Error	Units
1080 Sheridan Boulevard									
8	**27-Mar-15**	**12:06:54**	**EXTERIOR**	**SOUTH WALL**	**CONCRETE**	**BROWN**	**1**	**0.13**	**mg/cm^2**
9	27-Mar-15	12:08:02	EXTERIOR	WEST WALL	CONCRETE	BROWN	0.96	0.05	mg/cm^2
10	**27-Mar-15**	**12:09:56**	**EXTERIOR**	**NORTH WALL**	**CONCRETE**	**WHITE**	**1**	**0.12**	**mg/cm^2**
11	**27-Mar-15**	**12:10:42**	**EXTERIOR**	**EAST WALL**	**CONCRETE**	**WHITE**	**1**	**0.07**	**mg/cm^2**
12	27-Mar-15	12:20:46	EXTERIOR	SOUTH WINDOW SILL	BRICK	DK BROWN	0	0	mg/cm^2
13	27-Mar-15	12:21:17	EXTERIOR	SOUTH WINDOW SILL	BRICK	DK BROWN	0	0	mg/cm^2
14	27-Mar-15	12:21:55	EXTERIOR	WEST DOOR FRAME	WOOD	BROWN	0	0	mg/cm^2
15	27-Mar-15	12:23:16	BASEMENT	LIVING ROOM WALL	DRYWALL	WHITE	0	0	mg/cm^2
16	27-Mar-15	12:23:33	BASEMENT	LIVING ROOM WALL	DRYWALL	WHITE	0	0	mg/cm^2
17	27-Mar-15	12:23:58	BASEMENT	LIVING ROOM WALL	DRYWALL	WHITE	0	0	mg/cm^2
18	27-Mar-15	12:24:17	BASEMENT	LIVING ROOM WALL	DRYWALL	WHITE	0	0	mg/cm^2
19	27-Mar-15	12:24:54	BASEMENT	LIVING ROOM CEILING	DRYWALL	WHITE	0	0	mg/cm^2
20	27-Mar-15	12:25:55	BASEMENT	KITCHEN WALL	DRYWALL	WHITE	0	0	mg/cm^2
21	27-Mar-15	12:26:13	BASEMENT	KITCHEN WALL	DRYWALL	WHITE	0	0	mg/cm^2
22	27-Mar-15	12:26:32	BASEMENT	KITCHEN WALL	DRYWALL	WHITE	0	0	mg/cm^2
23	27-Mar-15	12:26:51	BASEMENT	KITCHEN WALL	DRYWALL	WHITE	0	0	mg/cm^2
24	27-Mar-15	12:27:14	BASEMENT	KITCHEN CEILING	DRYWALL	WHITE	0	0	mg/cm^2
25	27-Mar-15	12:27:59	BASEMENT	PANTRY WALL	DRYWALL	WHITE	0	0	mg/cm^2
26	27-Mar-15	12:28:19	BASEMENT	PANTRY WALL	DRYWALL	WHITE	0	0	mg/cm^2
27	27-Mar-15	12:29:05	BASEMENT	BEDROOM 1 WALL	DRYWALL	WHITE	0	0	mg/cm^2
28	27-Mar-15	12:29:27	BASEMENT	BEDROOM 1 WALL	DRYWALL	WHITE	0	0	mg/cm^2
29	27-Mar-15	12:29:45	BASEMENT	BEDROOM 1 WALL	DRYWALL	WHITE	0	0	mg/cm^2
30	27-Mar-15	12:30:08	BASEMENT	BEDROOM 1 WALL	DRYWALL	WHITE	0	0	mg/cm^2
31	27-Mar-15	12:30:36	BASEMENT	BEDROOM 1 CEILING	DRYWALL	WHITE	0.05	0.05	mg/cm^2
32	27-Mar-15	12:31:37	BASEMENT	BEDROOM 1 WINDOW FRAME	WOOD	DK BROWN	0	0	mg/cm^2
33	27-Mar-15	12:32:12	BASEMENT	BEDROOM 1 DOOR FRAME	WOOD	DK BROWN	0	0	mg/cm^2
34	27-Mar-15	12:33:14	BASEMENT	BATHROOM CEILING	DRYWALL	DK BROWN	0	0	mg/cm^2
35	27-Mar-15	12:34:47	EXTERIOR	RAILING BUILT-IN	METAL	DK BLUE	0	0	mg/cm^2
36	27-Mar-15	12:35:56	UPSTAIRS	ENTRANCE DOOR	WOOD	WHITE	0.16	0.23	mg/cm^2
37	27-Mar-15	12:37:03	UPSTAIRS	LIVING ROOM WALL	DRYWALL	PURPLE	0	0	mg/cm^2
38	27-Mar-15	12:37:26	UPSTAIRS	LIVING ROOM WALL	DRYWALL	PURPLE	0	0	mg/cm^2
39	27-Mar-15	12:38:04	UPSTAIRS	LIVING ROOM WALL	DRYWALL	WHITE	0	0	mg/cm^2
40	27-Mar-15	12:38:25	UPSTAIRS	LIVING ROOM WALL	DRYWALL	WHITE	0	0	mg/cm^2
41	27-Mar-15	12:39:16	UPSTAIRS	LIVING ROOM CEILING	DRYWALL	WHITE	0	0	mg/cm^2
42	27-Mar-15	12:39:59	UPSTAIRS	KITCHEN CEILING	DRYWALL	PURPLE	0	0	mg/cm^2
43	27-Mar-15	12:40:37	UPSTAIRS	KITCHEN WALL	DRYWALL	PURPLE	0	0	mg/cm^2
44	27-Mar-15	12:40:59	UPSTAIRS	KITCHEN WALL	DRYWALL	PURPLE	0	0	mg/cm^2
45	27-Mar-15	12:41:17	UPSTAIRS	KITCHEN WALL	DRYWALL	PURPLE	0	0	mg/cm^2
46	27-Mar-15	12:41:36	UPSTAIRS	KITCHEN WALL	DRYWALL	PURPLE	0	0	mg/cm^2
47	27-Mar-15	12:42:52	UPSTAIRS	KITCHEN DOOR FRAME	WOOD	WHITE	0.01	0.03	mg/cm^2
48	27-Mar-15	12:43:18	UPSTAIRS	KITCHEN DOOR	WOOD	WHITE	0	0	mg/cm^2
49	27-Mar-15	12:44:19	UPSTAIRS	STAIRS WALL	WOOD	WHITE	0	0.01	mg/cm^2
50	27-Mar-15	12:44:36	UPSTAIRS	STAIRS WALL	WOOD	WHITE	0.01	0.01	mg/cm^2
51	27-Mar-15	12:45:12	UPSTAIRS	STAIRS WALL	WOOD	GRAY	0.03	0.06	mg/cm^2
52	27-Mar-15	12:46:36	UPSTAIRS	BEDROOM 1 WALL	DRYWALL	GRAY	0	0	mg/cm^2
53	27-Mar-15	12:46:55	UPSTAIRS	BEDROOM 1 WALL	DRYWALL	GRAY	0	0	mg/cm^2
54	27-Mar-15	12:47:12	UPSTAIRS	BEDROOM 1 WALL	DRYWALL	GRAY	0	0	mg/cm^2
55	27-Mar-15	12:47:32	UPSTAIRS	BEDROOM 1 WALL	DRYWALL	GRAY	0	0	mg/cm^2
56	27-Mar-15	12:48:16	UPSTAIRS	BATHROOM WALL	DRYWALL	GRAY	0	0	mg/cm^2
57	27-Mar-15	12:48:33	UPSTAIRS	BATHROOM WALL	DRYWALL	GRAY	0	0	mg/cm^2
58	27-Mar-15	12:48:53	UPSTAIRS	BATHROOM WALL	DRYWALL	GRAY	0	0	mg/cm^2
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61	27-Mar-15	12:50:24	UPSTAIRS	BATHROOM DOOR FRAME	WOOD	WHITE	0	0	mg/cm^2
62	27-Mar-15	12:50:58	UPSTAIRS	BATHROOM DOOR	WOOD	WHITE	0	0	mg/cm^2
63	27-Mar-15	12:51:50	UPSTAIRS	HALLWAY BUILT-IN	WOOD	WHITE	0.06	0.07	mg/cm^2
64	27-Mar-15	12:52:09	UPSTAIRS	HALLWAY BUILT-IN	WOOD	WHITE	0.04	0.04	mg/cm^2
65	27-Mar-15	12:52:27	UPSTAIRS	HALLWAY BUILT-IN	WOOD	WHITE	0	0	mg/cm^2
66	**27-Mar-15**	**12:55:06**	**GARAGE**	**SOUTH WALL**	**CONCRETE**	**BROWN**	**1**	**0.05**	**mg/cm^2**
67	27-Mar-15	12:55:45	GARAGE	EAST WALL	CONCRETE	BROWN	0.42	0.08	mg/cm^2
68	27-Mar-15	12:56:09	GARAGE	EAST WALL	CONCRETE	BROWN	0.75	0.12	mg/cm^2
69	27-Mar-15	12:57:45	GARAGE	NORTH WALL	CONCRETE	BROWN	0.43	0.07	mg/cm^2
70	**27-Mar-15**	**12:58:28**	**GARAGE**	**NORTH WALL**	**CONCRETE**	**BROWN**	**1**	**0.06**	**mg/cm^2**
71	27-Mar-15	12:58:55	GARAGE	NORTH WALL	CONCRETE	BROWN	0	0	mg/cm^2
72	27-Mar-15	12:59:41	GARAGE	WEST WALL	WOOD	DK BROWN	0	0	mg/cm^2

Note

BOLD Indicates positive screening result

APPENDIX A
SITE PHOTOGRAPHS

PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.
1080 Sheridan Boulevard	Denver, CO	0003/1503-01

Photo No.	Date:
1	03/27/2015

Direction Photo Taken:

Down/West

Description:

Sampling subfloor sealant in basement unit

Photo No.	Date:
2	03/27/2015

Direction Photo Taken:

Southwest

Description:

Sampling for Asbestos in Pantry off of kitchen in basement unit.

PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.
1080 Sheridan Boulevard	Denver, CO	0003/1503-01

Photo No.	Date:	
3	03/27/2015	

Direction Photo Taken:

Down

Description:

Sampling wallboard on north wall of kitchen in the basement unit

Photo No.	Date:	
4	03/27/2015	

Direction Photo Taken:

Up/East

Description:

Ceiling texture in the kitchen of the basement unit

PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.
1080 Sheridan Boulevard	Denver, CO	0003/1503-01

Photo No.	Date:
5	03/27/2015

Direction Photo Taken:

West

Description:

Ceiling texture and wallboard in eastern bedroom of the basement unit.

Photo No.	Date:
6	03/27/2015

Direction Photo Taken:

Southeast

Description:

Wallboard and cement block wall in eastern bedroom of the basement unit.

PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.
1080 Sheridan Boulevard	Denver, CO	0003/1503-01

Photo No. 7	Date: 03/27/2015

Direction Photo Taken:

Northwest

Description:

Ceiling texture in the western bedroom of the basement unit.

Photo No. 8	Date: 03/27/2015

Direction Photo Taken:

Up

Description:

Utility room ceiling, sampled drywall and insulation.

PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.
1080 Sheridan Boulevard	Denver, CO	0003/1503-01

Photo No.	Date:
9	03/27/2015

Direction Photo Taken:

Up

Description:

Light in basement unit's kitchen with no label stating "No-PCBs".

Photo No.	Date:
10	03/27/2015

Direction Photo Taken:

Up

Description:

Light in basement unit's kitchen with no label stating "No-PCBs

PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.
1080 Sheridan Boulevard	Denver, CO	0003/1503-01

Photo No.	Date:
11	03/27/2015

Direction Photo Taken:

Southwest

Description:

Garage wall with drywall and carpet pad.

Photo No.	Date:
12	03/27/2015

Direction Photo Taken:

West

Description:

Garage wall with drywall and carpet pad.

PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.
1080 Sheridan Boulevard	Denver, CO	0003/1503-01

Photo No. 13	Date: 03/27/2015

Direction Photo Taken:

South/Down

Description:

Garage Roofing Materials

Photo No. 14	Date: 03/27/2015

Direction Photo Taken:

East

Description:

Garage Roof

PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.
1080 Sheridan Boulevard	Denver, CO	0003/1503-01

Photo No. 15	Date: 03/27/2015

Direction Photo Taken:

Southeast

Description:

Sampling drywall in the upper unit kitchen.

Photo No. 16	Date: 03/27/2015

Direction Photo Taken:

West

Description:

Stairwell between units, sampled walls, black stair tread, and vinyl floor tile.

PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.
1080 Sheridan Boulevard	Denver, CO	0003/1503-01

Photo No. 17	Date: 03/27/2015

Direction Photo Taken:

East

Description:

Only thermostat found, no mercury found.

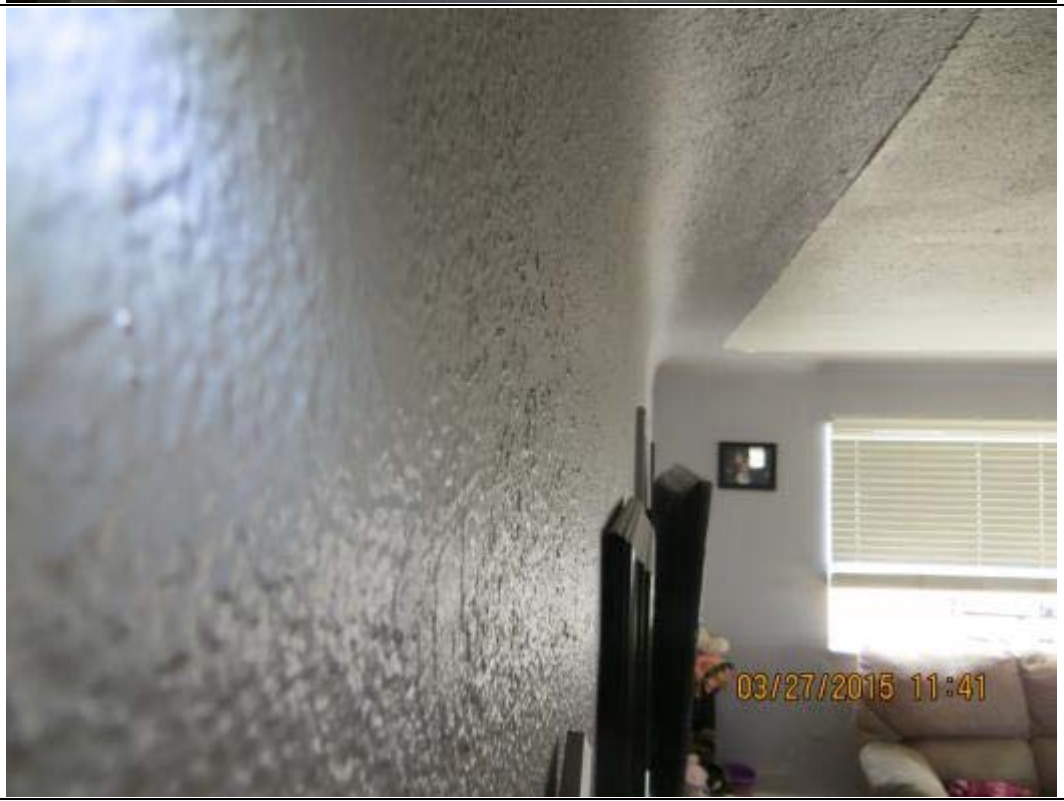
Photo No. 18	Date: 03/27/2015

Direction Photo Taken:

South

Description:

Upper unit living room wall texture.



PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.
1080 Sheridan Boulevard	Denver, CO	0003/1503-01

Photo No. 19	Date: 03/27/2015

Direction Photo Taken:

East

Description:

Eastern bedroom ceiling texture in upper unit.

Photo No. 20	Date: 03/27/2015

Direction Photo Taken:

North

Description:

Eastern bedroom wall texture in upper unit.

PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.
1080 Sheridan Boulevard	Denver, CO	0003/1503-01

Photo No. 21	Date: 03/27/2015

Direction Photo Taken:

South

Description:

Smooth wall texture in upper unit kitchen.

Photo No. 22	Date: 03/27/2015

Direction Photo Taken:

Down

Description:

Newer ceramic tile flooring in upper unit, sampled in stairwell.

PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.
1080 Sheridan Boulevard	Denver, CO	0003/1503-01

Photo No. 23	Date: 03/27/2015

Direction Photo Taken:

West

Description:

Calibrating the XRF

Photo No. 24	Date: 03/27/2015

Direction Photo Taken:

Down

Description:

Calibrating the XRF

PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.
1080 Sheridan Boulevard	Denver, CO	0003/1503-01

Photo No. 25	Date: 03/27/2015

Direction Photo Taken:

East

Description:

House exterior, south side, tested positive for lead based paint

Photo No. 26	Date: 03/27/2015

Direction Photo Taken:

North

Description:

House exterior, west side, tested positive for lead based paint

PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.
1080 Sheridan Boulevard	Denver, CO	0003/1503-01

Photo No. 27	Date: 03/27/2015

Direction Photo Taken:

West

Description:

House exterior, north side, tested positive for lead based paint

Photo No. 28	Date: 03/27/2015

Direction Photo Taken:

South

Description:

House exterior, east side, tested positive for lead based paint

PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.
1080 Sheridan Boulevard	Denver, CO	0003/1503-01

Photo No. 29	Date: 03/27/2015

Direction Photo Taken:

West

Description:

House roofing materials

Photo No. 30	Date: 03/27/2015

Direction Photo Taken:

Northwest

Description:

House roofing materials

PHOTOGRAPH LOG

Project Name:	Site Location:	TDD No.
1080 Sheridan Boulevard	Denver, CO	0003/1503-01

Photo No.	Date:
31	03/27/2015

Direction Photo Taken:

West

Description:

Garage exterior, south side, tested positive for lead based paint

APPENDIX B
LABORATORY REPORTS

REI LAB **Reservoirs Environmental, Inc.**

April 4, 2015

Subcontract Number: **NA**
Laboratory Report: **RES 315979-1**
Project # / P.O. # **20408.016.003.0213.00**
Project Description: **Sheridan II**

Elliott Petri
Weston Solutions, Inc. (CO)
1435 Garisson St. Ste. 100
Lakewood CO 80215

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 315979-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

Amber Arnold for

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 315979-1**
Client: **Weston Solutions, Inc. (CO)**
Client Project Number / P.O.: **20408.016.003.0213.00**
Client Project Description: **Sheridan II**
Date Samples Received: **March 27, 2015**
Method: **EPA 600/R-93/116 - Short Report, Bulk**
Turnaround: **3-5 Day**
Date Samples Analyzed: **April 03, 2015**

ND=None Detected
TR=Trace, <1% Visual Estimate
Trem-Act=Tremolite-Actinolite

Client Sample Number	Lab ID Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
SB-FC-01-001	EM 1375233	A	White plaster	20		ND	0	100
		B	Gray granular material w/ gray paint	80		ND	0	100
SB-FP-01-002	EM 1375234	A	Black felt	100		ND	60	40
SB-FM-01-003	EM 1375235	A	Gray resinous material	30		ND	0	100
		B	Tan resinous material	70		ND	0	100
SB-FM-01-004	EM 1375236	A	Tan resinous material w/ gray paint	100		ND	0	100
SB-FM-01-005	EM 1375237	A	Tan resinous material w/ gray paint	100		ND	0	100
SB-CM-01-006	EM 1375238	A	White texture w/ gray paint	25		ND	0	100
		B	White/tan drywall	75		ND	10	90

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

Que Pham
Analyst

Michael Scales
Analyst / Data QA

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

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Client Sample Number	Lab ID Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
SB-CM-01-007	EM 1375239	A	White joint compound	2		**ND**	0	100
		B	White tape	3		**ND**	98	2
		C	White foamy texture w/ white paint	25		**ND**	0	100
		D	Pink/tan drywall w/ white paint	70		**ND**	15	85
SB-CM-01-008	EM 1375240	A	White texture	4	**Chrysotile**	**4**	0	96
		B	White/blue paint	10		**ND**	0	100
		C	White tape	10		**ND**	98	2
		D	Off white joint compound w/ green paint	76	**Chrysotile**	**4**	0	96
SB-DW-01-009	EM 1375241	A	Pink/tan drywall	10		**ND**	10	90
		B	White texture w/ gray paint	90		**ND**	0	100
SB-WT-01-010	EM 1375242	A	White texture w/ white paint	100		**ND**	0	100

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Que Pham
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Client Sample Number	Lab ID Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
SB-DW-01-011	EM 1375243	A	White texture w/ white paint	15		**ND**	0	100
		B	White tape	15		**ND**	98	2
		C	Pink drywall	30		**ND**	TR	100
		D	White joint compound	40		**ND**	0	100
SB-DW-01-012	EM 1375244	A	White tape	5		**ND**	98	2
		B	White compound w/ white paint	7		**ND**	0	100
		C	White joint compound	15		**ND**	0	100
		D	White/tan drywall w/ white paint	73		**ND**	10	90
SB-WB-01-013	EM 1375245	A	White paint w/ white texture	5		**ND**	0	100
		B	Tan/pink drywall	25		**ND**	60	40
		C	Brown wall board w/ green/multi-colored paint	70		**ND**	70	30

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

Que Pham
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Michael Scales
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NVLAP Lab Code 101896-0

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SB-VT-01-014	EM 1375246	A	Gray/tan tile w/ clear adhesive	100		ND	TR	100
SB-VT-02-015	EM 1375247	A	Light blue/pink/black tile w/ clear adhesive	100		ND	3	97
SB-BS-01-016	EM 1375248	A	Brown fibrous material w/ white paint	100		ND	90	10
SB-BT-01-017	EM 1375249	A	White mastic	2		ND	0	100
		B	White resinous material	3		ND	0	100
		C	White ceramic tile	95		ND	0	100
SB-DW-02-018	EM 1375250	A	White texture	7		ND	0	100
		B	Pink/tan drywall	93		ND	10	90
SB-IL-01-019	EM 1375251	A	Yellow insulation	40		ND	93	7
		B	Off white compound	60		ND	0	100

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Client Sample Number	Lab ID Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
SB-CB-01-020	EM 1375252	A	Tan mastic	5		**ND**	0	100
		B	Black cove base	95		**ND**	0	100
SB-CB-02-021	EM 1375253	A	Tan mastic	10		**ND**	0	100
		B	Black cove base	90		**ND**	0	100
SB-CP-01-022	EM 1375254	A	Yellow/multi-colored resinous foam	100		**ND**	10	90
SB-DW-03-023	EM 1375255	A	White/tan drywall	100		**ND**	10	90
SB-RC-01-024	EM 1375256	A	Black fibrous tar	35	**Chrysotile**	**TR**	20	80
					Point Count	**0.50**		
		B	Black/gray shingle	65		**ND**	10	90

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ND=None Detected
TR=Trace, <1% Visual Estimate
Trem-Act=Tremolite-Actinolite

Client Sample Number	Lab ID Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
SB-ST-01-025	EM 1375257	A	Cream mastic	2		**ND**	0	100
		B	Black resinous material	98		**ND**	0	100
SB-VFT-01-026	EM 1375258	A	Yellow mastic w/ debris	8		**ND**	15	85
		B	Brown vinyl tile	92		**ND**	0	100
SB-FT-01-027	EM 1375259	A	Gray granular	6		**ND**	0	100
		B	Light gray fibrous plasterboard	44		**ND**	30	70
		C	Light tan ceramic tile	50		**ND**	0	100
SB-DW-04-028	EM 1375260	A	White/multi-layered paint w/ white fibrous material & light yellow resinous material	20		**ND**	30	70
		B	White plaster w/ yellow/white paint	35		**ND**	0	100
		C	Light pink perlitic granular plaster	45		**ND**	TR	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

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ND=None Detected
TR=Trace, <1% Visual Estimate
Trem-Act=Tremolite-Actinolite

Client Sample Number	Lab ID Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
SB-DW-04-029	EM 1375261	A	White compound w/ white/multi-layered paint	20		**ND**	0	100
		B	White plaster w/ white/multi-layered paint	40		**ND**	0	100
		C	Light pink perlitic granular plaster	40		**ND**	0	100
SB-DW-04-030	EM 1375262	A	White fibrous woven tape	1		**ND**	75	25
		B	White paint w/ white compound	3		**ND**	0	100
		C	White compound w/ off white/multi-layered paint	9		**ND**	0	100
		D	Pink drywall	15		**ND**	12	88
		E	White plaster w/ white/blue paint	25		**ND**	0	100
		F	Light pink perlitic plaster	47		**ND**	TR	100
SB-WG-01-031	EM 1375263	A	Off white glazing	5	**Chrysotile**	**2**	0	98
					Point Count	**1.25**		
		B	Silver gray glazing	95	**Chrysotile**	**4**	0	96

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

Que Pham
Analyst

Michael Scales
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RESERVOIRS ENVIRONMENTAL INC.

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TR=Trace, <1% Visual Estimate
Trem-Act=Tremolite-Actinolite

Client Sample Number	Lab ID Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
SB-RC-02-032	EM 1375264	A	Black fibrous tar	2	**Chrysotile**	**15**	0	85
		B	Black fibrous tar	3	**Chrysotile**	**TR**	20	80
					Point Count	**0.25**		
		C	Black fibrous tar w/ white resinous material	12		**ND**	25	75
		D	White shingle	14		**ND**	25	75
		E	Black fibrous tar w/ white resinous material	15		**ND**	25	75
		F	Red/brown/tan shingle	17		**ND**	20	80
		G	Black felt	18		**ND**	35	65
		H	Red shingle	19		**ND**	15	85
SB-FC-01-033	EM 1375265	A	White plaster w/ light tan resinous material	10		**ND**	TR	100
		B	White granular plaster w/ gray paint	30		**ND**	0	100
		C	Gray granular plaster w/ white paper	60		**ND**	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

Que Pham
Analyst

Michael Scales
Analyst / Data QA

Due Date: 3 41/4315
Due Time: 315

Reservoirs Environmental, Inc.

REI LAB

5801 Logan St. Denver, CO 80216 • Ph: 303 964-1986 • Fax 303-477-4275 • Toll Free 866 RESI-ENV

RES 315979

Job #

Page 1 of 2

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)		CONTACT INFORMATION:	
Company: WESTON SOLUTIONS	Company:	Contact: ELLIOTT PETRI	Contact:
Address: 1435 GARRISON ST #100 LAKEWOOD, CO 80215	Address:	Phone: 719 216 2754	Phone:
		Fax:	Fax:
		Cellpager:	Cell/pager:
Project Number and/or P.O. #: 20408.016.003.0213.00		Final Data Deliverable Email Address: ELLIOTT.PETRI@WESTONSOLUTIONS.COM	
Project Description/Location: SHERIDAN II			

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm

PLM / PCM / TEM ___ RUSH (Same Day) ___ PRIORITY (Next Day) X STANDARD (Rush PCM = 2hr, TEM = 6hr.)

CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm

Metal(s) / Dust ___ RUSH ___ 24 hr. ___ 3-5 Day

RCRA 8 / Metals & Welding Fume Scan / TCLP ___ RUSH ___ 5 day ___ 10 day

Organics ___ 24 hr. ___ 3 day ___ 5 Day

Prior notification is required for RUSH turnarounds.

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm

E.coli O157:H7, Coliforms, S.aureus ___ 24 hr. ___ 2 Day ___ 3-5 Day

Salmonella, Listeria, E.coli, APC, Y & M ___ 48 Hr. ___ 3-5 Day

Mold ___ RUSH ___ 24 Hr ___ 48 Hr ___ 3 Day ___ 5 Day

Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.

Special Instructions: PLEASE POINT COUNT RESULTS LESS THAN 3%

	Client sample ID number (Sample ID's must be unique)	PLM	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) ___ RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	MICROBIOLOGY: Salmonella: +/-	MICROBIOLOGY: E.coli O157:H7: +/-	MICROBIOLOGY: Listeria: +/-	MICROBIOLOGY: Aerobic Plate Count: +/- or Quantification	MICROBIOLOGY: E.coli: +/- or Quantification	MICROBIOLOGY: Coliforms: +/- or Quantification	MICROBIOLOGY: S.aureus: +/- or Quantification	MICROBIOLOGY: Y & M: +/- or Quantification	MICROBIOLOGY: Mold: +/-, Identification, Quantification	SAMPLER'S INITIALS OR OTHER NOTES	Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yy	Time Collected hh/mm a/p	EM Number (Laboratory Use Only)
1	SB-FC-01-001	X																			3/27/15	1375233
2	SB-FP-01-002																					4
3	SB-FM-01-003																					5
4	SB-FM-01-004																					6
5	SB-FM-01-005																					7
6	SB-CM-01-006																					8
7	SB-CM-01-007																					9
8	SB-CM-01-008																					40
9	SB-DW-01-009																					1
10	SB-WT-01-010																					2

VALID MATRIX CODES

Air = A	Bulk = B
Dust = D	Paint = P
Soil = S	Wipe = W
Swab = SW	F = Food
Drinking Water = DW	Waste Water = WW
O = Other	

ASTM E1792 approved wipe media only

LAB NOTES:

Number of samples received: 33 (Additional samples shall be listed on attached long form.)

NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days, failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: Date/Time: 3/27/15 1515

Laboratory Use Only Received By: Date/Time: 3/27/15 315 Carrier: hand

Sample Condition: On Ice Yes / No Sealed Yes / No Intact Yes / No Temp. (F°) ____

Results:	Contact	Phone Email Fax	Date	Time	Initials	Contact	Phone Email Fax	Date	Time	Initials
	Contact	Phone Email Fax	Date	Time	Initials	Contact	Phone Email Fax	Date	Time	Initials

Reservoirs Environmental, Inc.
5801 Logan St. Denver, CO 80216 • Ph: 303 964-1986 • Fax 303-477-4275 • Toll Free: 866 RESI-ENV

RES Job # 315979

Page 2 of 2

Submitted by: WESTON SOLUTIONS - ELLIOTT PETZ

Client sample ID number (Sample ID's must be unique)	PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) / RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	MICROBIOLOGY: Salmonella: +/-	MICROBIOLOGY: E.coli O157:H7: +/-	MICROBIOLOGY: Listeria: +/-	MICROBIOLOGY: Aerobic Plate Count: +/- or Quantification	MICROBIOLOGY: E.coli: +/- or Quantification	MICROBIOLOGY: Coliforms: +/- or Quantification	MICROBIOLOGY: S.aureus: +/- or Quantification	MICROBIOLOGY: Y & M: +/- or Quantification	MICROBIOLOGY: Mold: +/- or Quantification	OTHER -	Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yy	Time Collected hh/mm a/p	EM Number (Laboratory Use Only)
11 SB-DW-01-011	X																			3/27/15		43
12 SB-DW-01-012																						44
13 SB-WB-01-013																						45
14 SB-VT-01-014																						46
15 SB-VT-02-015																						47
16 SB-BS-01-016																						48
17 SB-BT-01-017																						49
18 SB-DW-02-018																						50
19 SB-EL-01-019																						51
20 SB-CB-01-020																						52
21 SB-CB-02-021																						53
22 SB-CP-01-022																						54
23 SB-DW-03-023																						55
24 SB-RC-01-024																						56
25 SB-ST-01-025																						57
26 SB-VFT-01-026																						58
27 SB-FT-01-027																						59
28 SB-DW-04-028																						60
29 SB-DW-04-029																						61
30 SB-DW-04-030																						62
31 SB-WG-01-031																						63
32 SB-RC-02-032																						64
33 SB-FC-01-033	X																					65
34																						
35																						
36																						
37																						
38																						
39																						
40																						
41																						

REQUESTED ANALYSIS

VALID MATRIX CODES

Air = A	Bulk = B
Dust = D	Paint = P
Soil = S	Wipe = W
Swab = SW	F = Food
Drinking Water = DW	Waste Water = WW
O = Other	

ASTM E1792 approved wipe media only

LAB NOTES: